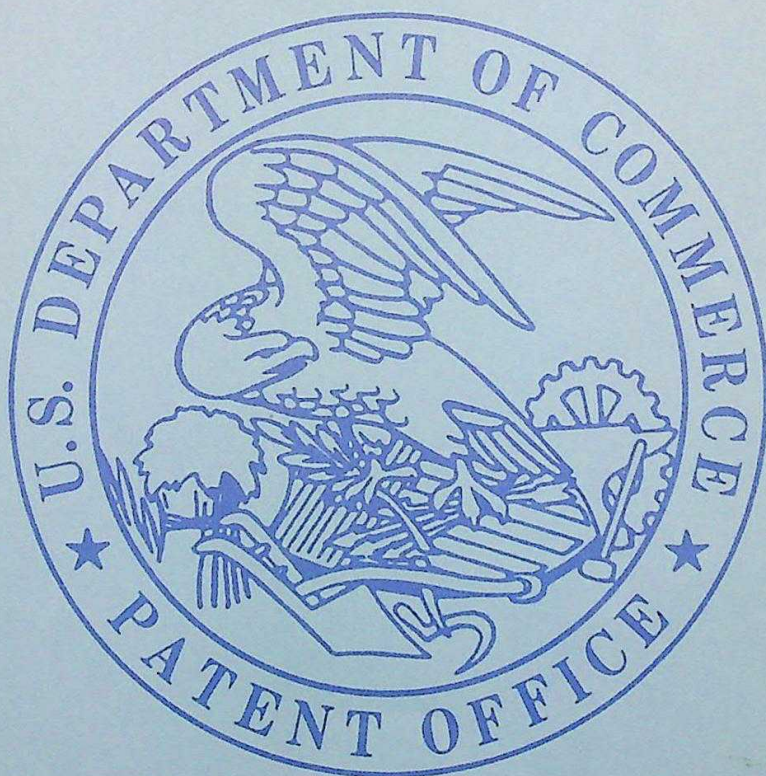
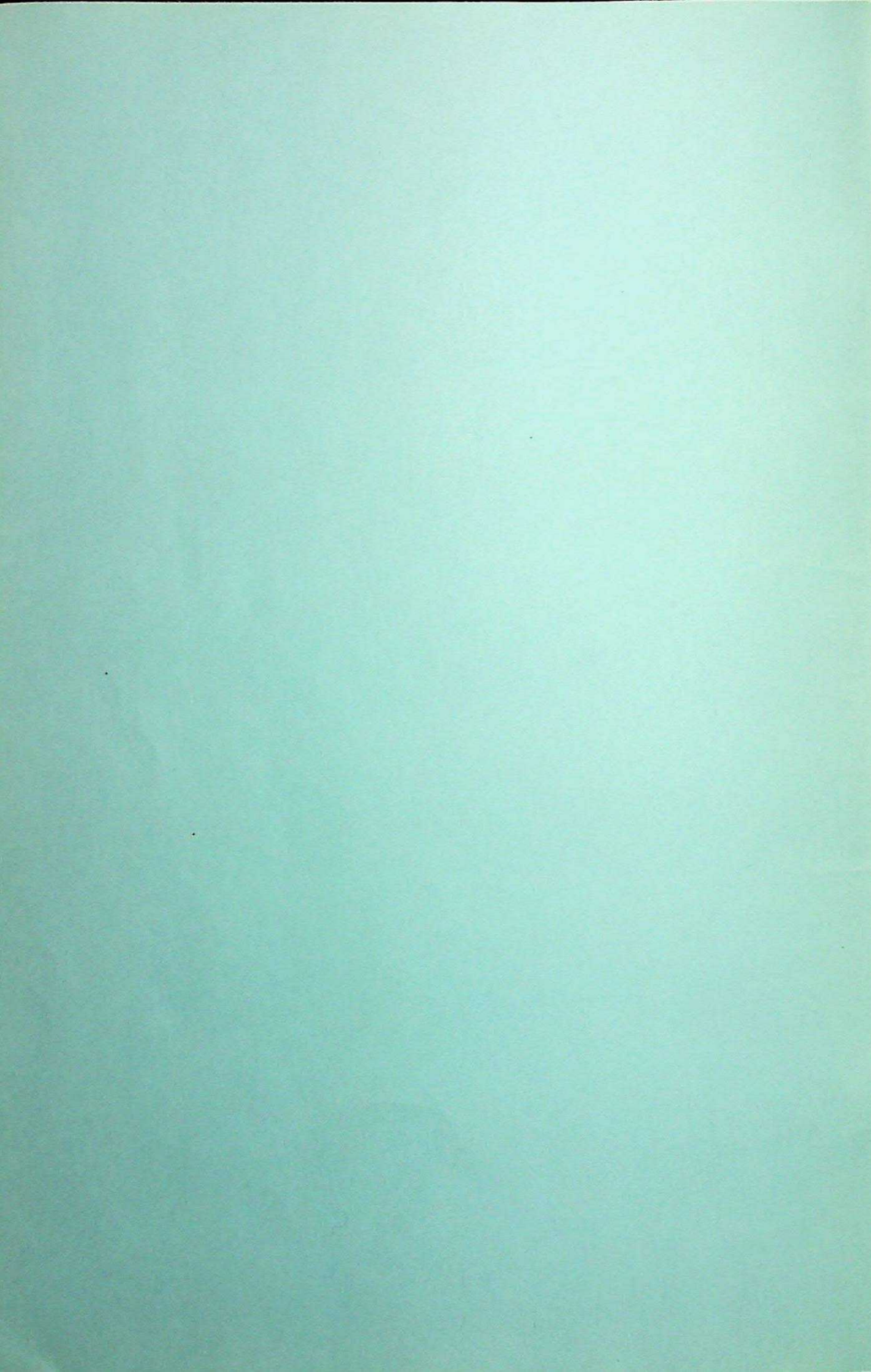




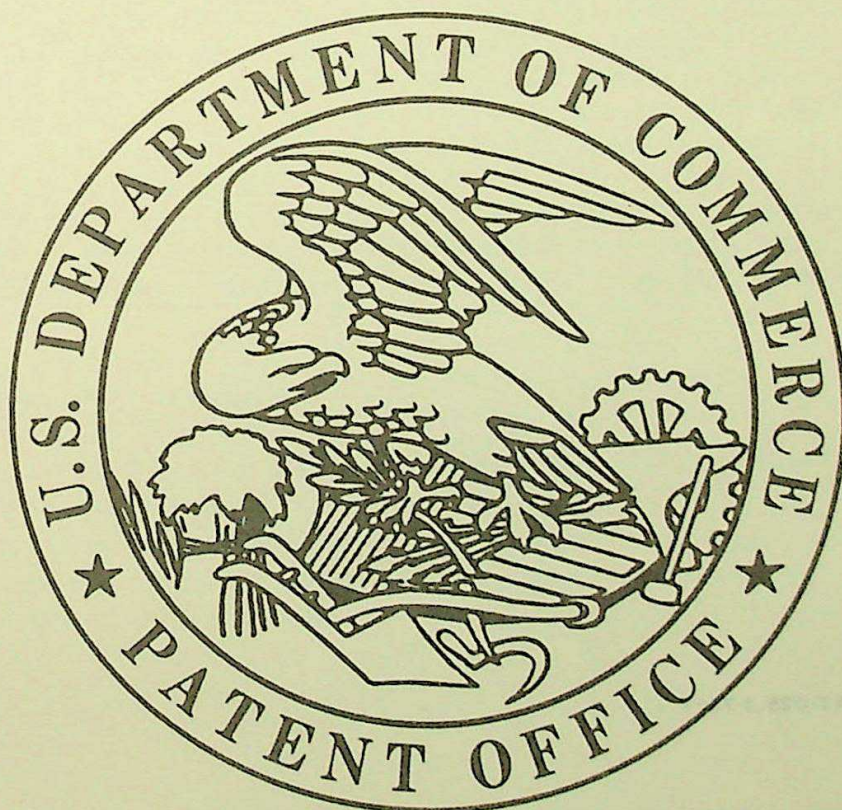
COMMISSIONER OF PATENTS ANNUAL REPORT FISCAL YEAR 1974





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U.S. DEPARTMENT OF COMMERCE / PATENT OFFICE



U.S. DEPARTMENT OF COMMERCE

Frederick B. Dent, Secretary

Patent Office

C. Marshall Dann, Commissioner

1974

PAT-025.3-7501

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COMMISSIONER'S ANNUAL REPORT FISCAL YEAR 1974

I. *Functions*

The Patent Office administers the patent statute (Title 35, United States Code) enacted by the Congress under authority of Article I, Section 8 of the Constitution, and also administers the Federal trademark statute (Title 15, Sections 1051-1127, United States Code).

Under the patent law, the Office examines applications for patents and issues patents to applicants whose inventions satisfy the requirements of the law; publishes scientific and technical information contained in patents; maintains search files of U.S. and foreign patents; maintains a scientific library and public search room; supplies copies of patents and related documents to the public; records assignments and other documents affecting title to patents; and performs other functions to enhance the stimulus that the patent system provides for creation of new technology.

Similar functions are carried out under the trademark law, pursuant to which the Office examines, registers and maintains records of trademarks which are used in commerce and qualify for registration under federal law.

II. *Fiscal 1974 Highlights*

- A quality review program was instituted to evaluate a sample of patent applications prior to their issuance.
- An experiment was undertaken in which 2,000 patent applicants will be invited to volunteer to expose their applications to public protest proceedings prior to issuance.

- The average pendency time of a patent application in the Office was reduced from 24 months in fiscal 1973 to 22.4 months in fiscal 1974.

- A new record was established by completing examination of an all-time high of 116,003 patent applications.

- A record was also set for the highest number of trademark applications examined in the history of the Office, 36,537.

- The delay between the time of filing of an average trademark application and its being acted upon by an examiner was reduced from nine months to six months.

- The international trademark classification system was adopted as the primary system of trademark classification in the Patent Office.

- The Senate gave its advice and consent to ratification of the Patent Cooperation Treaty.

III. *Patent Examining Operation*

During fiscal year 1974 two new programs were instituted in the Patent Office for the purpose of maintaining and improving the quality of the examination that the Office performs. First, a quality review program was established for evaluating the quality of a selected sample of patent applications prior to their issuance. Under this program, about two percent of issued patents will be reviewed after they have gone through the regular examination process. The reviewers will check on whether the claims that have been allowed appear to be patentable and whether proper examining procedures were followed. Applications will be returned to the examiners for further examination where the quality of examination is found to be deficient.

Second, an experimental program was developed under which a sample of 2,000 applicants will be invited to expose their patent applications to public protest proceedings prior to issuance. The purpose of this program, scheduled to begin on July 1, 1974, is to provide the public an opportunity to submit evidence relevant to the question of whether a patent should be issued on a particular invention.

The patent examining corps, as in 1973, again achieved new records for the quantity of applications examined. A new high of 116,003 patent applications was disposed of and initial examination of 118,710 applications was completed. New applications received totaled 103,979. The inventory of applications awaiting examination accordingly was reduced by approximately 12,000.

The pendency time for an average patent application in the Office was reduced from 24 months in fiscal 1973 to 22.4 months in 1974, continuing the progress toward the longstanding goal of reducing average patent application pendency to 18 months from the high of 37 months in 1964. The goal is expected to be reached by about 1977.

The Patent Office announced that it will afford accelerated examination to energy-related patent applications in the same manner that it has been expediting applications related to the environment since 1970. Under the new announcement, patent applications will, upon request, be taken up for examination in advance of their normal order if the invention disclosed in the application contributes materially to (1) development or discovery of energy resources or (2) a more efficient utilization and conservation of these resources.

IV. Board of Appeals and Board of Patent Interferences

During the year, the Board of Appeals received 4233 new cases and disposed of 2983 cases, increasing the cases pending to 4799. Actions were planned to reduce this backlog for the future.

The Board of Patent Interferences received 379 new cases and decided or otherwise terminated 367 cases for a net increase of 12 cases pending before the Board.

V. Trademark Operations

During fiscal year 1974, 34,193 applications for trademark registration were filed, a decrease of 2,011 new applications as compared to corrected fiscal year 1973 receipts. A record number of 36,537 applications was disposed of, including 27,185 marks registered, thereby reducing the inventory of trademark applications pending by 2,347. During the fiscal year, the delay between the filing date of an average trademark application and its being acted upon by an examiner was reduced from nine months to six months. The goal is to reduce this delay to three months.

Effective September 1, 1973, the international trademark classification, also in use in more than 60 foreign countries, was adopted as the primary system of classification in the Patent Office. As a transitional measure, however, the classification system that the Office has used in the past will be maintained for filing copies of trademark registrations in the search room.

Contracts were awarded to three trademark computer search companies for the purpose of determining the adaptability of computer

searching of trademarks to Patent Office needs. Testing of the various search systems will be conducted in late 1974 and early 1975.

A Post-Registration Section was established in the Trademark Service Branch for the purpose of handling matters relating to registered marks. This new section consolidated areas of the Office dealing with renewals, affidavits and certification of registered marks.

A total of 485 cases was decided by the Trademark Trial and Appeal Board after hearing, 318 of which were adversary proceedings (i.e., interferences, oppositions, cancellations and concurrent use proceedings), and 167 of which were ex parte appeals from denials of trademark registrations by examiners. In addition, the Board disposed of 1341 adversary proceedings and 175 appeals prior to a hearing. There was a net decrease of 12 in the number of cases pending before the Board during the year.

VI. Patent and Trademark Legislation

The Administration forwarded to the Congress in September 1973 a bill proposing a comprehensive revision of the patent laws. This legislative proposal was the result of intensive work participated in by the Departments of Commerce and Justice. Following introduction of the bill by Senator Scott on October 1, 1973 (S. 2504, 93rd Cong.) the Senate Subcommittee on Patents, Trademarks, and Copyrights approved a modified form of the bill on May 8, 1974 (S. 2504, Committee Print). The Administration's views on the modified bill were forwarded to the Senate by the Commissioner of Patents at the end of fiscal year 1974.

Legislation to amend the Trademark Act of 1946 passed the House of Representatives and was pending in the Senate at the end of the year (H.R. 8981, 93rd Cong.) This legislation would extend the time available for filing oppositions to the registration of trademarks; eliminate the requirement for filing reasons of appeal in the Patent Office when taking an appeal to the Court of Customs and Patent Appeals; and authorize the assessment of attorney fees in trademark infringement cases.

Two other bills that had passed the House by the end of the year were H.R. 9199 and H.R. 7599. H.R. 9199 would authorize the Commissioner to accept late payment of the patent issue fee upon a showing that the delay was unavoidable; provide for appointment of future members of the Board of Appeals under the classified civil service; and change the title of the First Assistant Commissioner of Patents to "Deputy Commissioner." H.R. 7599 would change the name of the

Patent Office to the "Patent and Trademark Office" and the title of the Commissioner of Patents to the "Commissioner of Patents and Trademarks."

Congress gave consideration to patent provisions in several bills concerning energy research and development. Proposals for compulsory licensing of patents and new policies with respect to patent rights arising out of government-funded research were discussed.

VII. *International Activities*

Legislation to implement the Patent Cooperation Treaty (PCT) was introduced in Congress in September 1973. Shortly thereafter, the Senate gave its advice and consent to ratification of this patent treaty. The treaty is designed to assist U.S. citizens in obtaining patent protection abroad, and to reduce duplication of effort by the U.S. Patent Office and the patent offices of other countries. The implementing legislation was approved by the Senate Subcommittee on Patents, Trademarks and Copyrights.

The Patent Office conducted a study of legislation required for implementation of the Trademark Registration Treaty (TRT), signed by the United States in May 1973. Public comments on the question of ratification and the form of implementation of the treaty were solicited. The TRT establishes an alternative international filing system under which trademarks may be protected internationally more quickly, at less cost and with fewer complications than under the present national procedures.

The Strasbourg Agreement concerning patent classification received the advice and consent of the Senate, and the United States deposited its instrument of ratification with the World Intellectual Property Organization in Geneva on December 21, 1973. This agreement establishes a common classification for patents known as the International Patent Classification (IPC). The Patent Office will not adopt this classification system in its own operations in the near future, but will continue to show the IPC identification on its issued patents.

The United States and the Soviet Union participated in an exchange of delegations to study patents and patent licensing. The U.S. delegation visited the USSR in July of 1973 and the USSR delegation visited the U.S. in October of 1973.

The Patent Office participated in a number of programs and international meetings related to patent system development and the transfer of technology to developing countries. These programs and meetings were sponsored by the World Intellectual Property Organization, the

Organization of American States, and United Nations affiliated organizations (UNCTAD and UNIDO) concerned with these matters.

VIII. *Patent Documentation and Information Handling*

The stepped-up effort begun in 1972 to improve the subject matter classification of patents so as to permit better patent searches was continued. Ten new classes were established involving 167,849 U.S. patents, and 153,760 patents in miscellaneous subclasses of existing classes were reclassified. An internal task force completed a study of the Office's patent documentation activities, and its recommendations were under consideration at year's end.

The Patent Office's Office of Technology Assessment and Forecast released the second and third of a series of publications concerned with activity in selected areas of technology. Using patent data, these reports highlighted areas related to energy resources such as coal gasification, shale oil, and solar and nuclear energy. In addition, a system was implemented for preparing assessments and forecasts tailored to special requests from government agencies and private industry.

A decision was made to return to the pre-1968 practice of including a representative patent claim in the summary information on each new patent that appears in the *Official Gazette*, in lieu of an abstract of the patented invention. The new format will commence with the October 1, 1974 issue of the *Official Gazette*. An abstract, however, will continue to be printed on the front page of each issued patent.

A second phase of the Patent Application Locator and Monitoring (PALM) system was implemented which gives detailed information concerning the status and location of pending patent applications. This system provides improved services to Patent Office units and to the public.

The final element of the computer-controlled microfilm system for retrieving patent classification information was completed. Computer terminals in the public search room and in the Office of Patent Classification provide instant information concerning the class and subclass location of U.S. patents.

Additional computer equipment is being procured for the Patent Office to increase by 50 per cent the available computer processing time. Action was also initiated to procure an intelligent key entry system to replace conventional and obsolete data reduction equipment in the Office, for projected cost savings of \$70,000 annually.

IX. *Operating Costs and Income*

Funds available to the Patent Office for the fiscal year ending June 30, 1974 were \$72,080,000, consisting of \$71,982,000 regular appropriation and \$98,000 received as reimbursements. The total amount obligated during the year was \$72,006,000, or 99.89 per cent of new obligational authority. Program operating costs for this period on the accrual basis of accounting were \$73,091,000.

Compensation and benefits for an average of 2932 employees accounted for \$53,942,000, or 74 per cent, of total operating costs. Printing and reproduction costs amounted to \$13,847,000 (19 per cent) and other costs were \$5,302,000 (7 per cent).

Fee income collected in fiscal year 1974 to be deposited in the general treasury was \$28,822,000, an increase of \$2,703,000 over the prior fiscal year. Balances in customer deposit accounts as of June 30, 1974 aggregated \$1,843,000, an increase of \$232,000 over the amount at the end of the prior fiscal year. Fee income for 1974 was 39 per cent of operating costs.

X. *Statistical Data and Index*

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4. Patents Granted, Fiscal Years 1955-74
5. Patent Applications Pending on June 30, of Year Indicated
6. Classification Activity, Fiscal Years 1970-74
7. Pending Trademark Applications as of June 30, 1974
8. Summary of Trademark Examining Activities, Fiscal Years 1972-74
9. Applications for Trademark Registrations, Renewals, and Sec. 12(c) Affidavits, Fiscal Years 1955-74
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15. Summary of Patent Office Services Furnished for Fees or Without Charge to the Public and Government Agencies During Fiscal Year 1974

16. Patents Issued to Residents of United States, Calendar Years 1964-73 (excludes designs, plants and reissues)
17. United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1969-73 (Includes reissues, excludes plants and designs)
18. Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1964-73 (excludes plants, designs, and reissues)
19. United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1971-73
20. Income From Fees, Fiscal Years 1970-74
21. End of Year Employment, Fiscal Years 1970-74
22. Operating Cost, Fiscal Years 1970-74

STATISTICAL DATA

1. Pending Patent and Design Applications as of June 30, 1974

Status	Patents including plants and reissues	Designs
Pre-examination.....	30,551	682
Under examination:		
Awaiting first action by examiners.....	32,912	3,818
Amended awaiting action by examiners.....	10,472	209
Awaiting response by applicant.....	75,692	2,100
In interference.....	1,048	5
On appeal.....	4,904	54
Total under examination.....	125,028	6,186
Post examination:		
Awaiting notice of allowance.....	6,322	366
Awaiting payment of issue fee.....	15,060	1,560
D-10's (secret cases in condition for allowance).....	3,039	0
Total in post examination.....	24,421	1,926
In issue process:		
In Patent Office (fee paid prior to June 30).....	3,041	252
With printer.....	10,918	645
Total in issue process.....	13,959	897
Total in Office.....	193,959	9,691

2. Summary of Patent and Design Examining Activities, Fiscal Years 1972-74

Item	1972	1973	1974	Annual average 1965-74
Patents				
Applications filed:				
General, mechanical, chemical, electrical.....	102,663	100,900	103,479	96,758
Plants.....	166	109	109	116
Reissues.....	293	382	391	310
Total.....	103,122	101,391	103,979	97,184
Applications allowed.....	69,890	77,093	76,687	71,472
Applications abandoned.....	36,383	37,954	39,316	32,916
Total disposals.....	106,273	115,047	116,003	104,388
Patents issued:				
General, mechanical, chemical, electrical.....	83,215	67,491	79,262	67,938
Plants.....	170	146	211	117
Reissues.....	264	273	365	244
Total.....	83,649	67,910	79,838	68,299
Patents withheld for nonpayment of final fee (35 U.S.C. 151).....	2,865	1,830	3,253	2,154
Designs:				
Applications filed.....	6,358	5,541	4,948	5,423
Applications allowed.....	3,033	4,100	4,023	3,562
Applications abandoned.....	1,383	1,681	1,735	1,782
Design patents issued.....	3,032	3,439	4,438	3,339

3. Applications for Patents Filed, Fiscal Years 1955-74

Year	Inventions	Plants	Reissues	Total	Designs
1955.....	78,386	94	230	78,710	5,523
1956.....	75,420	117	196	75,733	5,322
1957.....	73,495	99	189	73,783	4,675
1958.....	76,565	129	262	76,956	4,838
1959.....	77,978	126	259	78,363	4,994
1960.....	78,995	117	219	79,331	4,567
1961.....	80,842	106	223	81,171	4,605
1962.....	84,864	131	270	85,265	4,963
1963.....	84,620	149	277	85,046	4,841
1964.....	87,482	147	207	87,836	5,067
1965.....	88,908	89	237	89,234	5,319
1966.....	93,022	103	266	93,391	5,187
1967.....	88,167	100	241	88,508	4,774
1968.....	90,252	107	304	90,663	4,889
1969.....	96,342	103	376	96,821	5,432
1970.....	100,116	113	344	100,573	5,722
1971.....	103,733	161	266	104,160	6,057
1972.....	102,663	166	293	103,122	6,358
1973.....	100,900	109	382	101,391	5,541
1974.....	103,479	109	391	103,979	4,948

4. Patents Granted, Fiscal Years 1955-74 ¹

Year	Inventions	Plants	Reissues	Total	Designs
1955.....	29,473	116	186	29,775	2,533
1956.....	40,465	88	141	40,694	3,104
1957.....	44,819	120	163	45,102	2,375
1958.....	43,407	110	159	43,676	2,572
1959.....	52,184	128	170	52,482	2,508
1960.....	50,322	107	178	50,607	2,685
1961.....	47,222	110	160	47,492	2,488
1962.....	51,065	88	190	51,343	2,336
1963.....	53,958	114	215	54,287	2,411
1964.....	44,050	147	203	44,400	3,019
1965.....	52,914	127	204	53,245	2,979
1966.....	66,243	105	238	66,586	3,638
1967.....	70,028	102	180	70,310	2,840
1968.....	61,599	67	185	61,851	3,539
1969.....	61,957	80	201	62,238	2,991
1970.....	66,339	80	311	66,730	3,401
1971.....	² 70,387	77	222	² 70,686	3,097
1972.....	83,221	170	264	83,655	3,032
1973.....	³ 67,552	146	274	³ 67,972	3,441
1974.....	79,300	211	367	79,878	4,439

¹ Includes withdrawn numbers.

² Does not include 1,300 voided numbers.

³ Does not include 1,356 voided numbers.

5. Patent Applications Pending on June 30, of Year Indicated ¹

Year	Total pending ²	Awaiting action by examiner ³	Year	Total pending ²	Awaiting action by examiner ³
1955.....	221,872	139,931	1965.....	206,922	147,473
1956.....	217,536	121,847	1966.....	209,254	145,101
1957.....	215,535	106,523	1967.....	200,739	134,346
1958.....	207,166	88,804	1968.....	189,909	108,115
1959.....	198,248	87,146	1969.....	⁴ 190,558	102,309
1960.....	195,885	87,122	1970.....	187,439	79,525
1961.....	200,934	90,917	1971.....	184,127	62,492
1962.....	197,397	100,841	1972.....	181,259	66,461
1963.....	209,131	117,610	1973.....	167,603	59,983
1964.....	219,691	127,154	1974.....	155,579	43,384

¹ Does not include allowed applications and design applications.

² Includes applications in preexamining processes.

³ Includes cases in which Office actions were suspended under rule 103 through 1965.

⁴ Revised figure based on inventory adjustment of 3,244 to total pending excluding allowed applications and design applications plus category not previously counted of 2,654.

6. Classification Activity, Fiscal Years 1970-74

Activity	1970	1971	1972	1973	1974
Classes abolished.....	4	1	4	11	13
Original patents.....	57,713	7,412	20,431	82,942	117,890
Cross-reference patents.....	65,658	6,122	18,792	63,797	125,183
Classes established.....	4	1	3	4	10
Subclasses.....	1,318	257	782	1,274	1,986
Original patents.....	54,588	10,645	37,009	59,098	76,440
Cross-reference patents.....	64,306	13,345	44,219	48,084	91,409
Foreign patents.....	76,000	10,000	40,000	50,000	70,000
Miscellaneous subclasses:					
Established.....	317	285	384	1,073	1,569
Original patents.....	11,453	2,163	11,874	34,922	42,257
Cross-reference patents.....	20,117	697	20,658	49,723	74,002
Miscellaneous patents transferred...	4,848	2,163	5,683	9,751	37,501
Assignment decisions:					
Written informal.....		8,214	6,190	6,437	5,704
Letters of inquiry answered.....	553	3	64	45	104

7. Pending Trademark Applications as of June 30, 1974

Status	For regis- tration	For renewal	Under section 12(c)	Section 8 affi- davits
Preexamination.....	1,475	137	0	1,390
Under examination:				
Awaiting action by examiner:				
First action.....	16,702	360	10	344
Amended actions.....	5,050	0	0	0
Awaiting action by others (i.e., applicant, on appeal, in adversary proceedings, clerical processing).....	18,991	176	0	634
Total under examination.....	40,743	536	10	978
Total.....	42,218	673	10	2,368
Post examination (includes applications in all phases of publication and issue).....	13,015	650	0	.....
Total.....	55,233	1,323	10	2,368

8. Summary of Trademark Examining Activities, Fiscal Years 1972-74

Item	1972	1973	1974	Annual average 1965-74
Applications for registration filed.....	33,741	*36,204	34,193	31,303
Disposal of trademark applications:				
Applications maturing to registration.....	22,875	27,863	27,185	22,922
Applications abandoned.....	7,656	8,015	9,352	6,749
Certificates of registration issued:				
1946 act, principal register.....	20,283	24,552	24,010	20,452
1946 act, supplemental register.....	779	880	828	1,007
Total.....	21,062	25,432	24,838	21,459
Renewal of registration:				
Applications filed.....	5,980	5,614	5,633	5,069
Applications abandoned.....	107	64	14	85
Registrations renewed.....	5,836	5,398	5,984	4,927
Affidavits for benefits under sec. 12(c):				
Affidavits filed.....	46	74	55	180
Affidavits abandoned.....	0	0	0	2
Published under sec. 12(c).....	56	69	54	210
Affidavits, sec 8:				
Affidavits filed.....	13,256	13,605	13,259	13,226
Affidavits disposal.....	11,883	13,893	13,330	12,948

*Revised.

9. Applications for Trademark Registrations, Renewals, and Sec. 12(c) Affidavits, Fiscal Years 1955-74

Year	For registration	For renewal	For benefits under sec 12 (c)	Affidavits received under sec. 8	Year	For registration	For renewal	For benefits under sec 12 (c)	Affidavits received under sec. 8
1955....	21,515	3,931	1,287	17,773	1965....	26,657	3,049	308	13,923
1956....	21,735	3,675	808	12,040	1966....	28,438	3,695	518	13,705
1957....	21,581	3,638	843	12,873	1967....	27,628	3,844	341	11,156
1958....	21,770	3,237	556	12,126	1968....	28,292	4,089	231	12,116
1959....	22,243	3,321	447	11,548	1969....	31,268	6,267	90	13,890
1960....	23,242	3,972	419	12,573	1970....	33,807	6,329	59	14,283
1961....	23,169	3,476	423	14,581	1971....	32,803	6,189	76	12,263
1962....	24,866	3,138	337	14,720	1972....	33,741	5,980	46	13,256
1963....	24,224	2,604	311	12,752	1973....	36,204*	5,614	74	13,605
1964....	25,574	2,824	261	12,055	1974....	34,193	5,633	55	13,259

*Revised.

10. Trademarks Registered, Renewed and Published Under Sec. 12(c), Fiscal Years ¹ 1955-74

Year	Registered	Renewed	Published under sec. 12(c)	Year	Registered	Renewed	Published under sec. 12(c)
1955....	16,109	4,588	1,544	1965...	19,452	2,870	336
1956....	21,613	3,315	885	1966...	18,671	3,441	497
1957....	17,864	4,041	877	1967...	20,604	3,820	403
1958....	15,979	3,172	555	1968...	20,385	3,726	290
1959....	17,685	3,249	529	1969...	20,306	5,442	182
1960....	18,989	3,614	479	1970...	21,974	6,370	103
1961....	17,406	3,749	451	1971...	21,868	6,380	112
1962....	15,909	3,071	331	1972...	21,062	5,836	56
1963....	18,266	2,450	322	1973...	25,432	5,398	69
1964....	20,689	2,834	329	1974...	24,838	5,984	54

¹ Includes withdrawn numbers.

11. Actions on Petitions to Commissioner

Acceptance of late priority papers.....	53
Acceptance of late issue fees.....	653
Access.....	1
Certificates of corrections.....	10,120
Deferment of issue.....	109
Extensions of time.....	9,619
Filing date.....	186
Interference.....	136
Make special.....	551
New notice of allowance.....	159
Public use.....	1
Reinstatement of appeals.....	3
Reopen prosecution under Rule 198.....	3
Restriction.....	185
Revivals.....	2,321
Supervisory authority.....	633
Withdrawals of attorney.....	921
Withdrawals from Issue.....	112
Total.....	25,766

Pending Petitions awaiting action..... 329

12. Summary of Contested Cases in Patent Office During Fiscal Year 1974

Patent cases before the Board of Appeals:						
Pending July 1, 1973.....						3,549
Filed July, 1 1973—June 30, 1974:						
Appeals (examiners only).....					3,962	
Reconsideration.....					271	4,233
Total.....						7,782
Disposals:						
Examiner affirmed.....					1,689	
Examiner affirmed-in-part.....					222	
Examiner reversed.....					531	
Dismissed.....					11	
Suspended.....						
Withdrawn.....					288	2,983 ¹
Total.....						4,799
Cases before the Board of Patent Interferences:						
Pending July 1, 1973.....						631
Filed July 1, 1973—June 30, 1974 Inter partes cases.....						379
Total.....						1,010
Disposals.....						367
Pending June 30, 1974.....						643
Cases before the Trademark Trial and Appeal Board:						
	Ex		Concur.	Inter	Opposi-	Total
	Parte	Cancel.	Use	Partes	tions	
Pending July 1, 1973.....	173	329	8	Inter-	1,449	2,011
Filed July 1, 1973—June 30, 1974:				fer.		
Ex parte appeals.....	344			52		344
Inter partes cases.....		278	16	3	1,348	1,645
Total.....	517	607	24	55	2,797	4,000
Disposals.....	342	272	10	38	1,339	2,001
Pending June 30, 1974....	175	335	14	17	1,458	1,999

¹ Reconsiderations included 242.

13. Cases in Litigation (Courts)

	Admin- istra- tive review	Patent	Trade- mark	Total
Supreme Court of the United States—Petitions for writ of certiorari:				
Pending July 1, 1973.....	0	1	0	1
Filed July 1, 1973—June 30, 1974.....	0	3	0	3
Total.....	0	4	0	4
Denied.....	0	2	0	2
Granted.....	0	0	0	0
Total.....	0	2	0	2
Pending June 30, 1974.....	0	2	0	2
United States Court of Appeals—District of Columbia Circuit:				
Cases Pending July 1, 1973.....	2	6	0	8
Appeals taken July 1, 1973—June 30, 1974....	2	2	0	4
Total.....	4	8	0	12
Cases disposed of:				
Affirmed.....	1	1	0	2
Dismissed.....	1	1	0	2
Reversed.....	0	2	0	2
Total.....	2	4	0	6
Pending June 30, 1974.....	2	4	0	6
United States District Court for the District of Columbia:				
Pending July 1, 1973.....	0	54	1	55
Filed July 1, 1973—June 30, 1974.....	3	12	1	16
Total.....	3	66	2	71
Cases disposed of:				
Affirmed.....	0	2	0	2
Affirmed-in-part.....	0	2	0	2
Reversed.....	0	1	0	1
Dismissed on:	0	1	0	1
Plaintiff's motion.....	0	1	0	1
Defendant's motion.....	0	13	1	14
Stipulation of counsel.....	3	0	0	3
By Court.....	3	19	1	23
Total.....	3	19	1	23
Pending June 30, 1974.....	0	47	1	48

Notices of appeals to U.S. Court of Customs and Patent Appeals Received July 1, 1973—June 30, 1974:

Ex parte patents and trademarks = 67 (14 not perfected).

Inter partes patents = 16 (0 not perfected).

Inter partes trademarks = 43 (23 not perfected).

13. Cases in Litigation (Courts)—Continued

	Ex parte		Inter partes		Total
	Patent	Trade-mark	Patent	Trade-mark	
United States Court of Customs and Patents Appeals					
Cases pending July 1, 1973.....	141	19	63	59	282
Filed July 1, 1973 through June 30, 1974.....	69	10	16	33	128
Total.....	210	29	79	92	410
Cases disposed of:					
Affirmed.....	65	5	36	42	148
Affirmed-in-part.....	16	0	3	1	20
Remanded.....	4	1	0	1	6
Reversed.....	52	4	18	11	85
Dismissed:					
On appellant's motion.....	11	1	9	5	26
Appellees motion.....	0	0	0	3	3
On want of prosecution.....	1	0	0	0	1
Joint motion.....	0	0	1	1	2
Total.....	149	11	67	64	291
Pending July 1, 1974.....	61	18	12	28	119

14. Litigation Report, Other Jurisdictions, July 1, 1973-June 30, 1974 (Cases reported)

Month	Patent suits				Trademark suits			
	Filed	Pat's Involved	Decs.	Pat's Involved	Filed	TM's Involved	Decs.	TM's Involved
July.....	30	38	26	30	24	56	10	22
Aug.....	39	51	22	28	30	100	16	37
Sept.....	34	56	31	46	14	64	18	55
Oct.....	46	57	20	32	32	156	6	25
Nov.....	50	68	37	51	35	140	15	34
Dec.....	26	38	62	87	27	70	30	53
Jan.....	51	85	26	34	38	124	37	82
Feb.....	59	87	23	36	23	87	13	26
Mar.....	53	92	17	23	19	99	10	32
Apr.....	55	82	32	39	17	61	12	20
May.....	49	81	33	51	30	85	13	78
June.....	37	47	46	68	35	159	21	48
Total....	529	782	375	525	324	1,201	201	512

15. Summary of Patent Office Services Furnished for Fees or Without Charge to the Public and Government Agencies During Fiscal Year 1974

Item or service provided	Total supplied
Prints furnished: Manuscripts, patents, publications, etc.....	19,585,555
Certificates prepared ¹	89,896
Assignments:	
Abstracts of title and title searches.....	1,131
Title reports and issue searches.....	174,490
Instruments recorded.....	79,881
Patents and trademarks:	
Orders.....	4,664,882
Foreign exchange.....	3,656,929
Library subscriptions.....	1,400,526
RPU.....	902,346
Archives.....	233,421
Total.....	10,858,104
Drawings and corrections.....	15,278

¹ 1973 Figure Revised—93,887

16. Patents Issued to Residents of United States, Calendar Years 1964-73 (excludes designs, plants and reissues)

States and territories	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Alabama.....	153	236	232	248	236	258	254	308	220	288
Alaska.....	9	13	14	19	12	22	28	27	24	23
American Samoa.....				2	3	1	2	4	5	7
Arizona.....	188	249	290	356	279	301	308	376	391	471
Arkansas.....	63	85	74	56	54	77	94	97	80	68
California.....	4,603	6,304	6,777	6,264	5,630	6,372	5,960	7,301	6,522	7,036
Canal Zone.....				13	7	7	12	14	18	6
Colorado.....	222	333	321	325	327	412	371	509	493	591
Connecticut.....	1,305	1,742	1,859	1,677	1,567	1,664	1,569	1,818	1,594	1,653
Delaware.....	373	479	608	595	558	564	530	511	697	538
District of Columbia.....	157	181	161	236	154	268	208	243	103	74
Florida.....	590	725	790	832	794	769	789	1,000	937	970
Georgia.....	174	276	284	310	294	300	251	372	281	369
Guam.....		1		5	2	2	9	4	5	11
Hawaii.....	20	13	25	19	22	40	46	36	25	48
Idaho.....	40	46	52	48	56	65	67	68	79	108
Illinois.....	3,450	4,508	4,561	4,161	3,712	3,968	3,701	4,398	3,962	4,059
Indiana.....	979	1,286	1,375	2,219	1,100	1,151	1,109	1,361	1,185	1,226
Iowa.....	341	490	443	395	321	354	353	446	425	419
Kansas.....	211	270	314	273	263	257	274	286	290	320
Kentucky.....	235	302	355	381	308	363	302	385	285	302
Louisiana.....	221	289	322	367	327	308	308	377	396	328
Maine.....	61	62	72	80	67	50	70	91	81	59
Maryland.....	760	1,013	1,073	1,058	915	1,145	903	1,197	1,046	1,002
Massachusetts.....	1,713	2,095	2,386	2,149	1,911	2,190	2,086	2,627	2,366	2,201
Michigan.....	2,433	3,135	3,494	3,164	2,185	3,001	2,689	3,257	3,028	2,921
Minnesota.....	724	982	1,069	985	882	1,068	974	1,082	968	973
Mississippi.....	45	50	50	65	76	47	57	81	68	84
Missouri.....	567	685	864	827	693	810	647	826	762	750
Montana.....	44	26	37	57	52	54	37	46	53	60
Nebraska.....	85	115	144	161	105	102	97	142	101	131

Nevada.....	28	40	47	50	38	49	49	80	58	58
New Hampshire.....	92	135	153	157	114	154	174	216	155	168
New Jersey.....	3,132	3,987	4,512	4,370	3,768	4,369	4,126	4,495	4,579	4,128
New Mexico.....	103	108	115	120	88	115	71	108	115	125
New York.....	4,579	5,812	6,202	5,503	4,955	5,541	5,314	6,108	5,548	5,411
North Carolina.....	315	405	467	586	494	495	462	585	580	529
North Dakota.....	36	32	40	46	47	51	38	49	33	39
Ohio.....	2,665	3,574	3,812	3,482	3,208	3,403	3,110	3,782	3,318	3,331
Oklahoma.....	579	865	937	878	814	789	716	845	809	717
Oregon.....	243	296	329	319	271	309	280	411	342	395
Pennsylvania.....	2,854	3,901	4,131	3,824	3,378	3,726	3,527	3,943	3,803	3,656
Puerto Rico.....	8	15	19	23	19	25	39	45	32	29
Rhode Island.....	193	198	247	237	197	222	208	229	221	188
South Carolina.....	127	158	200	222	168	222	179	264	266	250
South Dakota.....	30	37	34	51	38	35	42	61	38	35
Tennessee.....	273	367	489	435	417	430	359	380	344	380
Texas.....	1,271	1,578	1,806	1,769	1,770	1,900	1,831	1,992	2,034	2,079
Utah.....	99	136	155	120	120	160	150	209	219	240
Vermont.....	40	57	48	47	61	65	63	128	77	103
Virginia.....	449	656	738	781	660	658	609	740	711	713
Virgin Islands.....	1	.....	1	2	11	18	15	19	23	7
Washington.....	361	448	506	445	391	480	397	525	447	506
West Virginia.....	188	218	266	245	209	180	165	149	143	137
Wisconsin.....	947	1,277	1,303	1,171	1,000	1,034	1,013	1,274	1,093	1,138
Wyoming.....	25	35	24	29	31	28	29	47	29	28
U.S. Air Force.....	5	.....	3	.....	2	4	6	6	5	1
U.S. Army.....	.....	1	.....	2	.....	.....	.....	7	1	2
U.S. Navy.....	1	5	4	5	.....	3	1	1	2	.....
Total.....	38,410	50,332	54,634	51,274	45,782	50,395	47,073	55,988	51,515	51,501

17. United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1969-73 (Includes reissues, excludes plants and designs)

Country	1969	1970*	1971	1972	1973
Algeria.....	2		1		
Argentina.....	41	52	49	54	44
Australia.....	308	293	324	389	442
Austria.....	337	333	369	359	398
Bahamas.....					11
Belgium.....	377	330	387	404	445
Bermuda.....	1	1	2	1	
Bolivia.....	1	1			1
Brazil.....	22	30	51	46	43
British West Indies.....	9	14	1	31	
Bulgaria.....	27	16	20	28	35
Cameroon.....	1				
Canada.....	1,707	1,843	2,025	1,966	2,095
Ceylon.....				2	
Chile.....	10	6	9	4	6
China, Republic of.....	19	27	28	40	66
Colombia.....	9	4		10	4
Congo (Brazzaville).....	1				
Costa Rica.....	2			2	1
Cuba.....	1	2			
Cyprus.....					
Czechoslovakia.....	218	134	166	169	167
Denmark.....	221	211	275	241	251
Dominican Republic.....					1
Ecuador.....	1			3	4
El Salvador.....	3				1
Ethiopia.....	2	1			
Finland.....	103	125	154	159	176
France.....	2,821	2,625	2,987	3,122	3,197
German Democratic Rep.....				18	
Germany, Federal Republic of.....	7,405	7,798	7,772	7,782	8,603
Greece.....	17	16	15	20	24
Guatemala.....	2	2	1	1	2
Haiti.....	1				
Honduras.....		2			
Hong Kong.....	24	23	25	13	25
Hungary.....	70	80	88	103	113
Iceland.....	4	2			1
India.....	30	21	22	21	24
Indonesia.....	3		1	1	1
Iran.....	4	1	4	2	4
Ireland.....	44	44	33	26	39
Israel.....	87	90	120	143	155
Italy.....	1,031	1,105	1,160	1,162	1,128
Jamaica.....	4	1			1
Japan.....	5,430	6,093	7,418	6,831	8,565
Jordan.....	1	1			
Kenya.....	1	2			5
Korea.....	11	13	4	19	13
Kuwait.....	1				
Lebanon.....	6		2	2	6
Liberia.....	2				
Libya.....		5			
Liechtenstein.....	27	25	23	11	20
Luxembourg.....	14	16	11	14	26
Malaysia.....		2	1		2
Mali.....	1				

17. United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1969-73 (Includes reissues, excludes plants and designs)—Continued

Country	1969	1970*	1971	1972	1973
Malta.....		1			
Mexico.....	74	73	87	98	130
Monaco.....	7	2		4	12
Morocco.....		1			2
Netherlands.....	899	886	1,017	916	1,047
New Zealand.....	34	38	54	49	56
Nicaragua.....		2			
Nigeria.....	2				
Norway.....	107	130	146	115	131
Pakistan.....		2			1
Panama.....	4	4		3	5
Paraguay.....	2	1			
Peru.....	7	4	5	5	9
Philippines.....	13	17	12	8	11
Poland.....	59	45	51	35	50
Portugal.....	13	10	9	7	10
Rhodesia.....	2	4			3
Romania.....	59	45	53	65	29
Saudi Arabia.....	5				6
Senegal.....	5				
Singapore.....	2		5	6	4
South Africa, Republic of.....	115	98	149	145	165
Spain.....	145	123	156	138	204
Sudan.....	2				1
Sweden.....	1,070	957	1,148	1,078	1,335
Switzerland.....	1,698	1,770	1,848	1,963	2,076
Tanzania.....	17	1			
Thailand.....	3		14		2
Trinidad & Tobago.....	1		2	3	1
Turkey.....	6	5	3	3	4
Uganda.....	2	1			
Union of Soviet Socialist Republics.....	438	445	578	653	752
United Arab Republic.....			1		2
United Kingdom.....	5,216	4,746	4,734	4,811	4,914
Uruguay.....	7	3	5	2	1
Venezuela.....	14	11	5	19	18
Viet Nam (South).....				2	
Yugoslavia.....	12	14	10	20	17
Zambia.....	3	3		2	1
Total.....	30,507	30,832	33,640	33,355	37,144

*Revised.

18. Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1964-73 (excludes plants, designs, and reissues)

Country	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Algeria.....		2			1		1		1	
Argentina.....	27	18	20	16	18	17	24	22	29	28
Australia.....	80	110	110	151	119	155	143	200	182	202
Austria.....	91	143	128	151	160	191	191	250	271	236
Belgium.....	131	184	185	176	169	220	233	305	319	283
Bermuda.....	2	3	2	1		3	2	4	6	3
Bolivia.....										
Brazil.....				1		1	2	8	6	5
British West Indies.....	10	11	17	12	13	18	16	14	16	19
Bulgaria.....	8	3	1	4	4	9	1	12	4	10
Bulgaria.....	1	1		5	1	7	9	11	10	16
Cameroon.....			1						1	
Canada.....	648	853	938	991	897	994	1,065	1,327	1,244	1,345
Ceylon.....						1				1
Chile.....	1	3	1	3	2	8	2	8	4	5
China, Republic of.....	3	4	2	9	5	5	6	15	8	11
Colombia.....	3	5	8	4	2	5	6	7	8	6
Congo (Brazzaville).....	3						2			
Costa Rica.....		2		2		1		2		
Cuba.....	1	1					1	2	1	
Cyprus.....										
Czechoslovakia.....	34	52	38	96	96	132	118	154	110	94
Dahomey.....							1			
Denmark.....	63	88	101	123	82	144	138	169	173	154
Dominican Republic.....	2	1								
Ecuador.....										
El Salvador.....		1	2	2		4	2	3	2	3
Ethiopia.....			1	4	2	3	1	1		1
Finland.....	9	22	27	34	31	43	46	59	69	88
France.....	1,013	1,372	1,436	1,558	1,446	1,808	1,732	2,214	2,231	2,143
Germany, Federal Republic of.....	2,420	3,388	3,981	3,766	3,442	4,523	4,434	5,521	5,728	5,588
Greece.....	1	5	5	13	3	11	8	6	16	14
Guatemala.....				5		4	2	3		7

Haiti.....	2	2	2	2	2	2	3	1	3	2
Honduras.....	1	1	1	1	1	1	1	1	1	2
Hong Kong.....	8	12	7	5	7	8	20	7	15	15
Hungary.....	31	23	21	22	37	38	48	46	46	46
Iceland.....	2	1	4	1	7	9	7	2	2	2
India.....	5	10	15	18	16	10	19	21	21	21
Indonesia.....	5	12	25	1	1	2	2	6	6	6
Iran.....	2	3	1	1	4	3	3	5	5	5
Ireland.....	9	8	10	13	12	29	18	28	28	28
Israel.....	26	53	38	61	46	54	54	84	84	84
Italy.....	429	471	477	556	572	726	838	759	759	759
Ivory Coast.....	1	1	1	1	1	1	4	1	1	1
Jamaica.....	545	919	1,122	1,424	1,464	2,152	2,625	4,033	5,154	4,939
Japan.....	3	1	2	1	4	1	1	1	1	1
Jordan.....	2	1	2	1	3	2	7	5	5	5
Kenya.....	3	2	2	1	1	1	1	1	1	1
Korea.....	2	2	2	2	2	2	2	2	2	2
Kuwait.....	1	1	3	2	1	4	1	1	1	1
Lebanon.....	1	1	1	1	1	1	1	1	1	1
Liberia.....	1	1	1	1	1	1	1	1	1	1
Libya.....	1	1	1	1	1	1	1	1	1	1
Liechtenstein.....	10	14	12	13	15	14	23	28	10	14
Luxembourg.....	4	3	6	7	7	2	1	5	8	6
Madagascar.....	2	2	2	2	2	2	2	2	2	2
Malaysia.....	2	2	2	2	2	2	2	2	2	2
Mauritania.....	72	87	99	43	40	68	43	64	42	42
Mexico.....	2	2	6	3	4	4	2	4	2	1
Monaco.....	3	6	6	3	4	1	2	3	3	3
Morocco.....	356	519	482	507	476	558	543	695	676	686
Netherlands.....	12	17	10	15	13	16	14	17	26	25
New Zealand.....	2	2	2	2	2	2	1	2	2	2
Nicaragua.....	2	2	2	2	2	2	1	4	2	2
Nigeria.....	43	52	59	49	49	69	68	77	88	83
Norway.....	1	1	2	2	1	1	1	1	4	1
Pakistan.....	2	1	1	1	1	1	1	1	1	1
Panama.....	5	5	2	5	5	5	6	3	4	3
Paraguay.....	5	2	4	1	2	4	2	5	11	13
Peru.....	5	2	4	1	2	4	2	5	11	13
Philippines, Republic of.....	5	2	4	1	2	4	2	5	11	13

18. Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1964-73 (excludes plants, designs, and reissues)—Continued

Country	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Poland.....	1	9	10	12	25	31	33	31	21	25
Portugal.....	2	2	4	1	7	6	3	7	7	2
Rhodesia.....	3	4	2	2	.....	3	.....	5	1	.....
Rumania.....	2	2	4	6	21	21	37	35	33	25
Saudi Arabia.....	1	.....	1	.....	1	.....	3	1	2	1
Senegal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Singapore.....	.....	.....	.....	1	1	2	.....	4	4	7
South Africa, Republic of.....	34	69	48	52	35	65	49	69	53	79
Southwest Africa.....	.....	.....	.....	.....	.....	.....	1	2	.....	7
Spain.....	19	49	50	46	48	59	57	74	60	87
Sudan.....	.....	.....	.....	.....	2	.....	2	1	1	.....
Sweden.....	368	562	537	574	569	673	627	843	775	762
Switzerland.....	667	862	983	948	822	1,058	1,112	1,281	1,305	1,326
Syria.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tanzania.....	.....	.....	.....	.....	.....	3	.....	3	1	.....
Thailand.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....
Trinidad & Tobago.....	1	.....	2	.....	1	1	2	3	3	3
Tunisia.....	.....	1	.....	1	.....	.....	.....	.....	1	1
Turkey.....	2	.....	2	4	3	1	.....	3	3	5
Uganda.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Union of Soviet Socialist Republics.....	12	28	66	115	95	159	218	326	355	382
United Arab Republic.....	1	1	3	4	.....	.....	.....	2	3	2
United Kingdom.....	1,839	2,574	2,677	2,799	2,481	3,175	2,952	3,456	3,164	2,851
Uruguay.....	3	3	2	1	1	.....	1	2	.....	2
Venezuela.....	12	11	7	5	13	6	3	13	7	6
Viet Nam (South).....	.....	.....	.....	.....	.....	1	.....	1	2	.....
Yugoslavia.....	4	3	4	4	4	3	6	9	6	5
Zambia.....	.....	.....	1	1	.....	.....	2	1	2	1
Total.....	8,966	12,525	13,772	14,378	13,320	17,162	17,354	22,328	23,293	22,638

19. United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1971-73

	Applications			Registrations		
	1971	1972	1973	1971	1972	1973
Argentina.....	17	25	25	2	13	14
Australia.....	22	41	52	17	20	20
Austria.....	30	28	31	11	13	25
Bahamas.....			4	11		8
Belgium.....	24	24	43	19	17	14
Bermuda.....	1					
Brazil.....	12	17	42	2	10	4
British West Indies.....	4	13			2	
Bulgaria.....						
Canada.....	389	318	450	196	272	273
Central African Republic.....						
Ceylon.....				1		
Chile.....	3		2		1	2
China (National Republic).....	1	5	2		1	1
Colombia.....	7	1	5	1		2
Costa Rica.....	1			1		
Cuba.....						
Cyprus.....	1					
Czechoslovakia.....	5	6	3	2	7	4
Denmark.....	47	40	37	30	31	48
Dominican Republic.....	1	1	1			2
Ecuador.....			1			
El Salvador.....			9	7	21	3
Finland.....	12	14				
France.....	407	337	379	176	227	316
Germany, Federal Republic of..	408	378	445	271	258	310
Greece.....	6		7		4	1
Guatemala.....	1					
Honduras.....						
Hong Kong.....	12	11	18	6	4	9
Hungary.....		2	7		2	1
Iceland.....		1	5		2	
India.....		2	3	1		2
Indonesia.....			1			
Iran.....	1					
Ireland.....	6	17	8	10	4	11
Israel.....	8	18	20	1	2	8
Italy.....	137	120	184	107	87	87
Jamaica.....			4	3		2
Japan.....	365	288	331	214	293	291
Kenya.....				1		
Korea.....	2	5		1	2	1
Kuwait.....						
Lebanon.....	2					
Liechtenstein.....	4	11	11	4	6	3
Luxembourg.....	2	2		1	1	2
Mexico.....	29	44	48	9	18	37
Monaco.....	3	2	1		2	3
Morocco.....						
Netherlands.....	61	67	94	50	47	56
New Zealand.....	11	6	9	4	3	7
Norway.....	13	12	29	6	9	17
Pakistan.....						
Panama.....	1	5	3	6		1
Peru.....			2		1	

**19. United States Trademark Applications and Registrations,
Foreign Residents, Calendar Years 1971-73—Continued**

	Applications			Registrations		
	1971	1972	1973	1971	1972	1973
Philippines.....	2	3	1	2	2	.....
Poland.....	3	3	2	4	2	4
Portugal.....	8	16	30	1	5	10
Rumania.....		1				
Saudi Arabia.....	1				1	
Singapore.....	1	2			2	
South Africa, Republic of.....	17	22	19	7	10	25
Rhodesia.....						
Spain.....	110	91	137	42	44	79
Sweden.....	78	85	110	57	55	80
Switzerland.....	213	150	155	135	125	141
Tanzania.....					1	
Thailand.....			4			
Trinidad & Tobago.....	1					1
Turkey.....	1					
Union of Soviet Socialist Republics.....		1	5	1		
United Arab Republic.....		2				
United Kingdom.....	432	302	478	297	329	329
Uruguay.....			1			1
Venezuela.....	1		4	1	1	
Yugoslavia.....			2	1	2	
Total.....	2,924	2,539	3,253	1,709	1,960	2,255

20. Income From Fees, Fiscal Years 1970-74

(In Thousands of Dollars)

	1970	1971	1972	1973	1974
Patent issue fee, including printing.....	9,000	10,490	10,436	9,491	11,058
Patent application filing fee, including extra claims.....	8,720	8,880	8,838	8,432	9,018
Printed copies, U.S. Patents, Designs, and Trademarks.....	2,588	2,358	2,467	2,145	2,312
Recording assignments.....	1,801	1,711	1,851	1,665	1,669
Trademark application filing fee.....	1,235	1,229	1,243	1,231	1,237
Reproduction of records.....	1,159	1,063	1,065	1,253	1,097
Appeals, including briefs.....	677	636	757	700	966
Making, mounting, correction, and comparison of drawings.....	138	139	155	182	214
Trademark renewal filing fee.....	159	155	150	137	143
Design application filing fee.....	115	123	129	166	111
Filing of affidavits pertaining to use or non-use of trademarks ¹	*	34	127	139	142
Special service on orders.....	144	166	122	110	189
Certification of records.....	136	124	120	64	118
Design issue fee.....	113	95	91	101	114
Disclosure documents filed.....	23	34	60	83	132
Trademarks oppositions and cancellations.....	38	40	41	44	45
Subscription service for copies.....	37	38	39	31	33
Petitions fees.....	32	38	37	40	44
Attorney registrations and certificates.....	41	29	26	25	40
Patent reissue filing fee, including extra claims.....	28	28	25	30	38
Certificates of correction.....	15	15	19	21	23
Patent and Trademark disclaimers.....	*	*	18	19	22
Other fees ²	79	81	67	60	57
Total.....	26,278	27,506	27,883	26,119	28,822

¹ Includes fees first applicable in FY 1971 under P.L. 89-83.

² Approximately 40 types of fees amounting to less than \$15,000 for each type.

*Less than \$15,000.

21. End of Year Employment, Fiscal Years 1970-74 ¹

	1970	1971	1972	1973	1974
Examination of patent applications.....	1,929	1,838	1,916	1,938	1,964
Examination of trademark applications...	153	142	151	166	179
Collection, assembly and dissemination of technical and legal patent and trademark information.....	703	702	769	895	944
Total.....	2,785	2,682	2,836	2,999	3,087
Patent professional.....	1,303	1,242	1,276	1,255	1,270
Trademark professional.....	55	55	57	67	70
All other.....	1,427	1,385	1,503	1,677	1,747
Total.....	2,785	2,682	2,836	2,999	3,087

¹ Total paid employment, including full time permanent and other.

22. Operating Cost, Fiscal Years 1970-74

(In Thousands of Dollars)

	1970	1971	1972	1973	1974
Examination of patent applications.....	30,356	32,732	34,669	39,219	42,161
Examination of trademark applications...	2,007	2,271	2,523	2,880	3,671
Collection, assembly and dissemination of technical and legal patent and trademark information.....	17,004	20,120	24,112	22,437	27,259
Total.....	49,367	55,123	61,304	64,536	73,091
Personnel compensation.....	34,307	37,079	39,839	45,658	49,878
Personnel benefits.....	2,643	3,075	3,357	3,484	4,064
Printing and reproduction.....	8,140	11,380	14,893	10,441	13,847
Other costs.....	4,277	3,589	3,215	4,953	5,302
Total.....	49,367	55,123	61,304	64,536	73,091

